

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021871.D
 Acq On : 22 Sep 2022 19:15
 Operator : CG/JU
 Sample : N4706-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 23 02:11:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

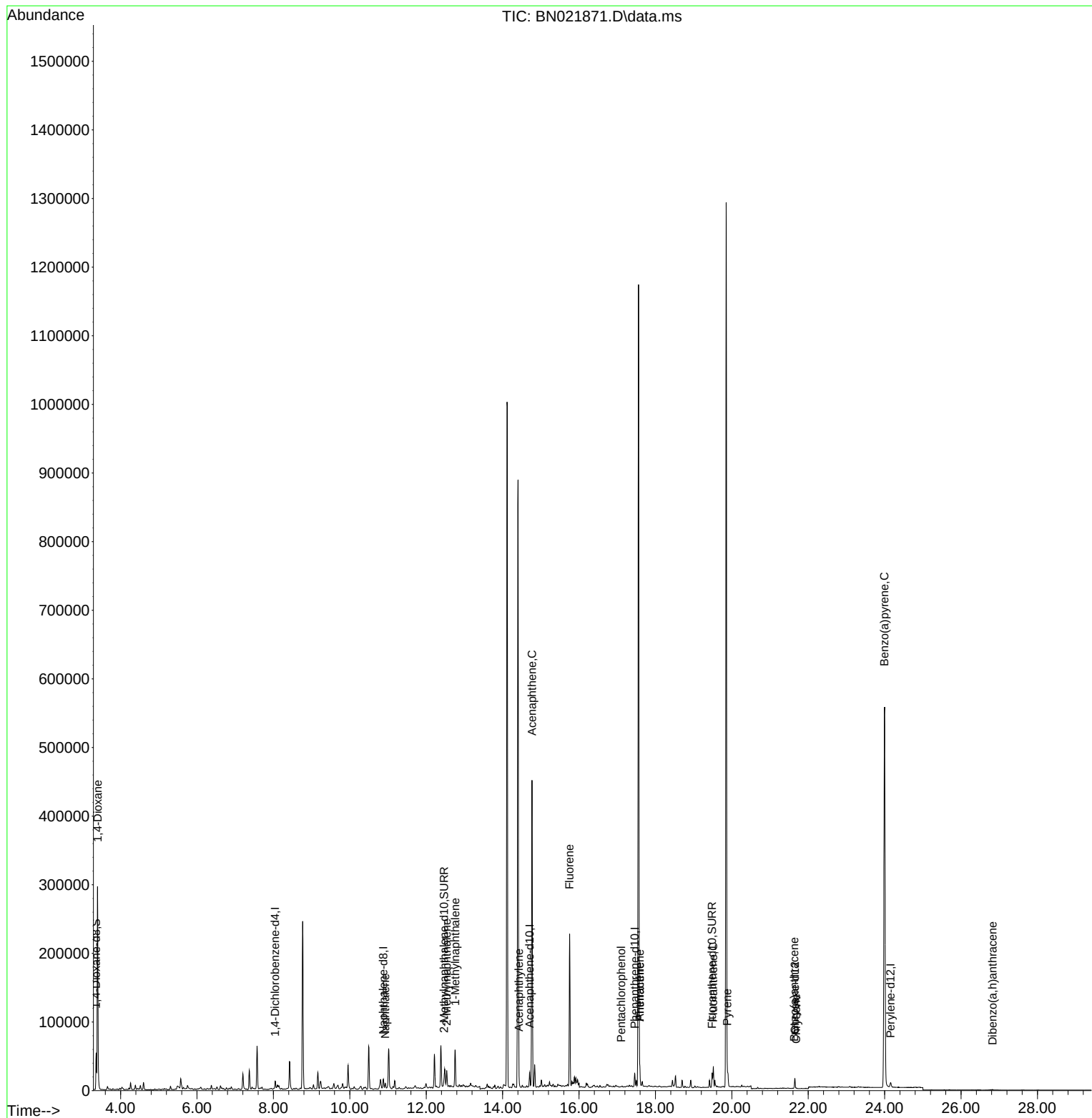
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5498	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	18538	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.708	164	11608	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.456	188	21504	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	13076	0.400	ng/ul	# 0.00
23) Perylene-d12	24.155	264	10246	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	33029	4.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	9218	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	19438	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.397	88	206442	29.757	ng/ul#	85
5) Naphthalene	10.927	128	8987	0.172	ng/ul#	90
7) 2-Methylnaphthalene	12.539	142	16948	0.499	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	36770	1.055	ng/ul	98
10) Acenaphthylene	14.430	152	4333	0.089	ng/ul#	29
11) Acenaphthene	14.768	153	257454	6.234	ng/ul	99
12) Fluorene	15.753	166	137893	2.976	ng/ul	99
14) Pentachlorophenol	17.105	266	85	0.020	ng/ul	95
15) Phenanthrene	17.591	178	25695	0.379	ng/ul	93
16) Anthracene	17.591	178	25581	0.454	ng/ul	93
19) Fluoranthene	19.515	202	23558	0.386	ng/ul#	81
20) Pyrene	19.882	202	16115	0.268	ng/ul#	74
21) Benzo(a)anthracene	21.633	228	1062	0.024	ng/ul#	31
22) Chrysene	21.685	228	1001	0.021	ng/ul#	21
26) Benzo(a)pyrene	23.995	252	3518	0.093	ng/ul#	27
28) Dibenzo(a,h)anthracene	26.824	278	731	0.020	ng/ul#	1

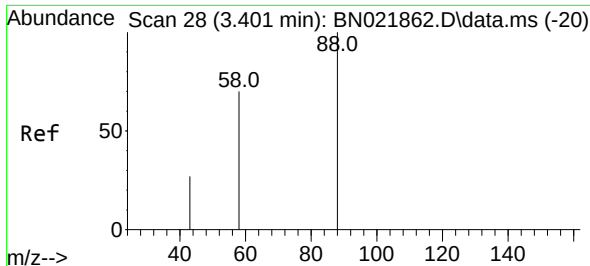
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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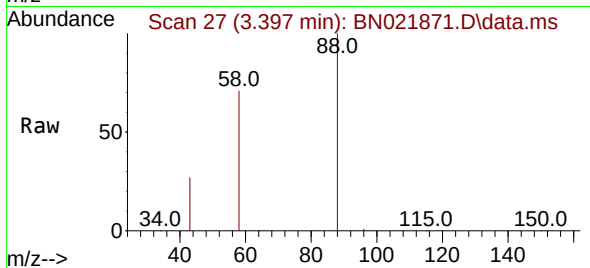
Quant Time: Sep 23 02:11:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



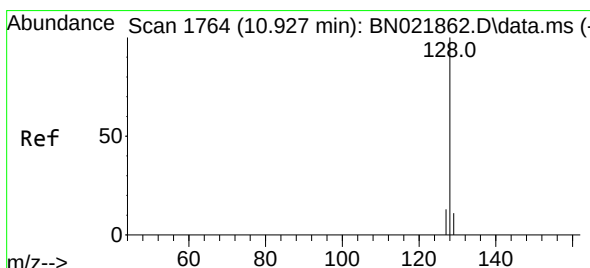
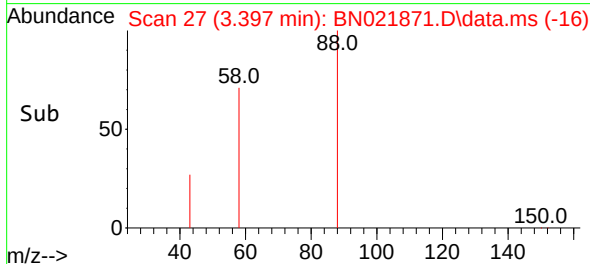
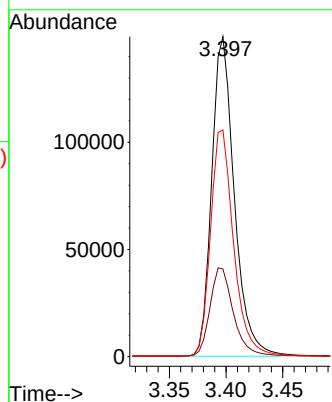


#2
1,4-Dioxane
Concen: 29.757 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Instrument :
BNA_N
ClientSampleId :

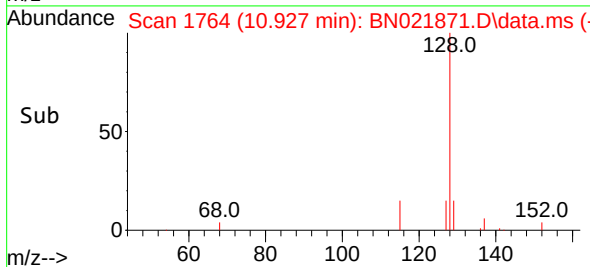
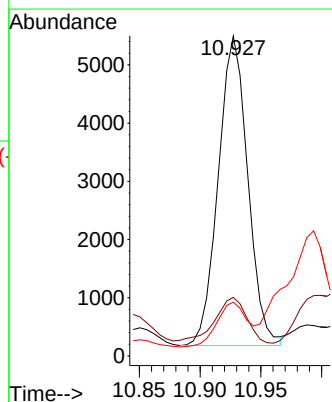
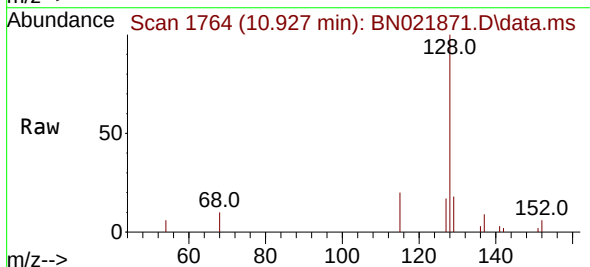


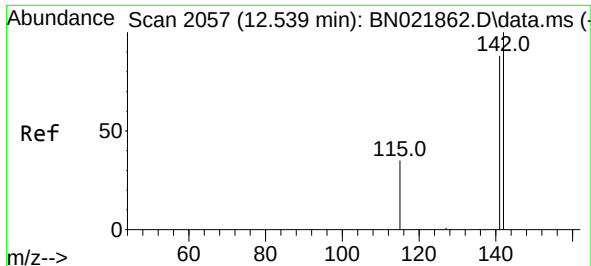
Tgt Ion: 88 Resp: 206442
Ion Ratio Lower Upper
88 100
43 27.4 31.4 47.0#
58 70.8 49.0 73.6



#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:128 Resp: 8987
Ion Ratio Lower Upper
128 100
129 18.3 9.8 14.6#
127 16.8 11.6 17.4

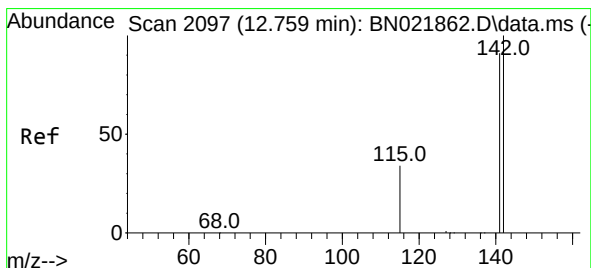
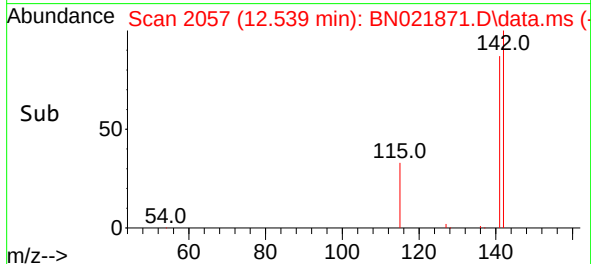
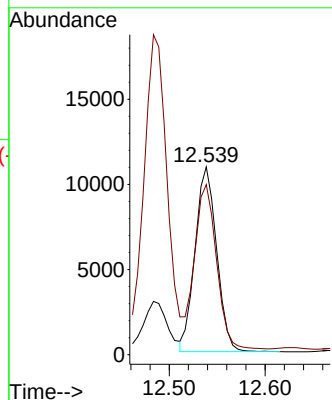
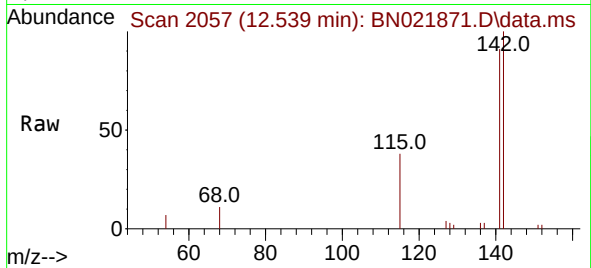




#7
2-Methylnaphthalene
Concen: 0.499 ng/ul
RT: 12.539 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

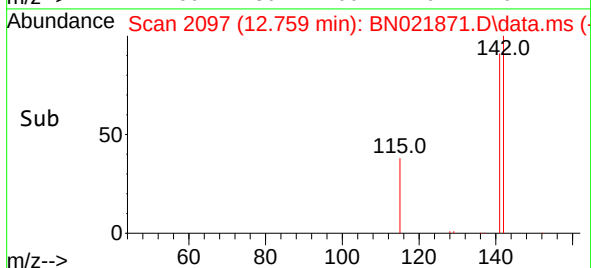
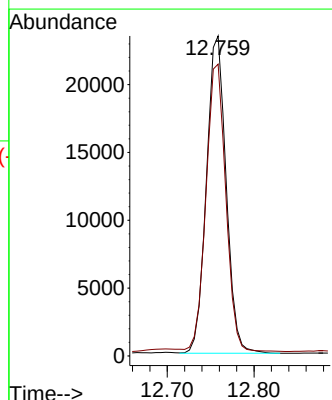
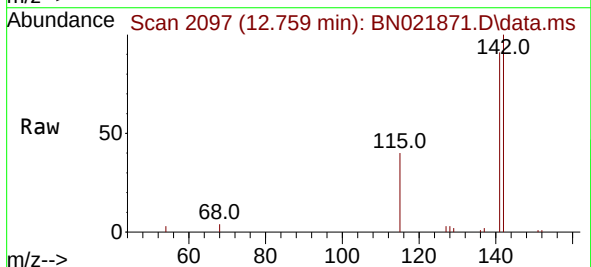
Instrument :
BNA_N
ClientSampleId :

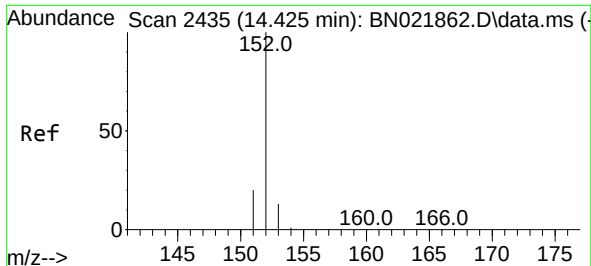
Tgt Ion:142 Resp: 16948
Ion Ratio Lower Upper
142 100
141 91.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 1.055 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:142 Resp: 36770
Ion Ratio Lower Upper
142 100
141 90.7 73.9 110.9

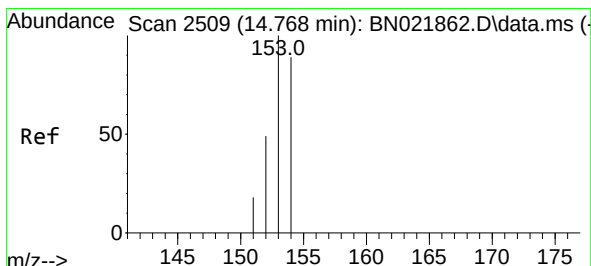
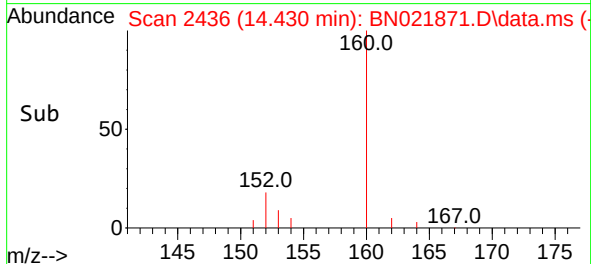
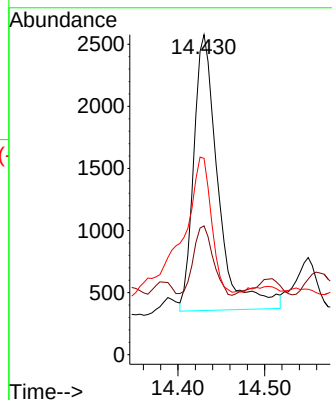
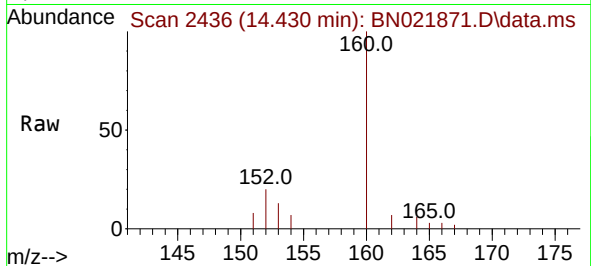




#10
Acenaphthylene
Concen: 0.089 ng/u1
RT: 14.430 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

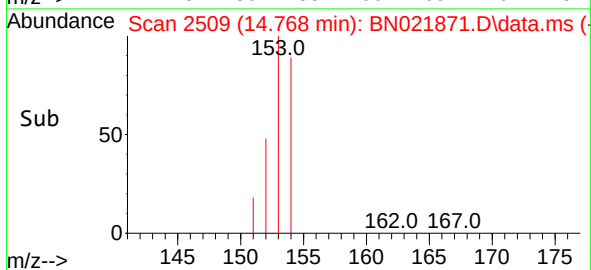
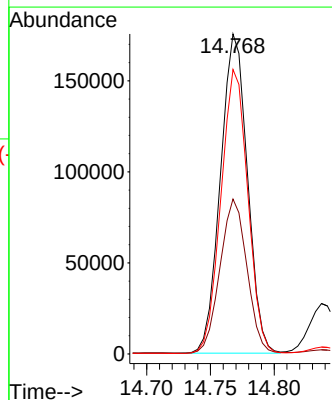
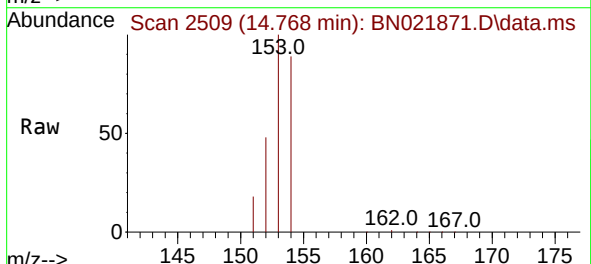
Instrument :
BNA_N
ClientSampleId :

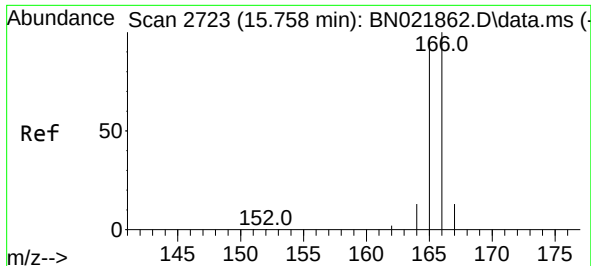
Tgt Ion:152 Resp: 4333
Ion Ratio Lower Upper
152 100
151 40.3 16.9 25.3#
153 61.4 11.2 16.8#



#11
Acenaphthene
Concen: 6.234 ng/u1
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

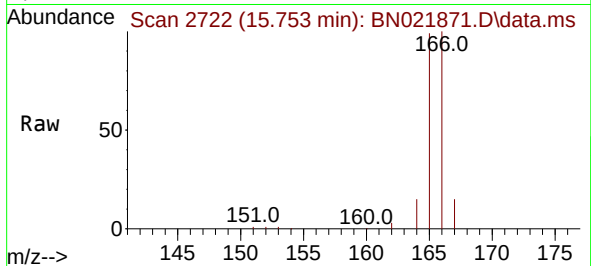
Tgt Ion:153 Resp: 257454
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 88.9 70.7 106.1



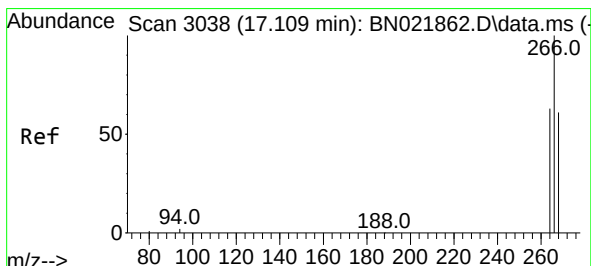
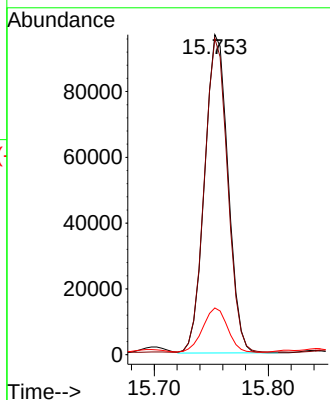
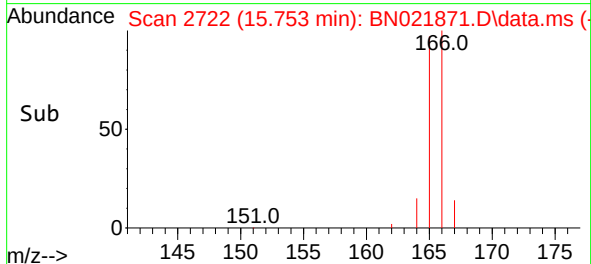


#12
Fluorene
Concen: 2.976 ng/ul
RT: 15.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

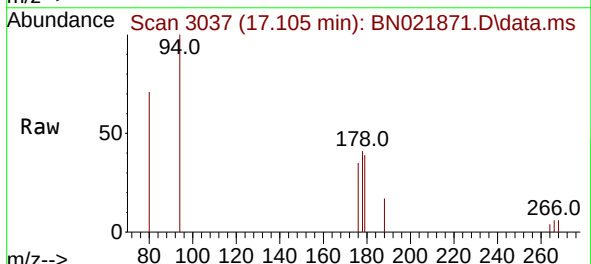
Instrument :
BNA_N
ClientSampleId :



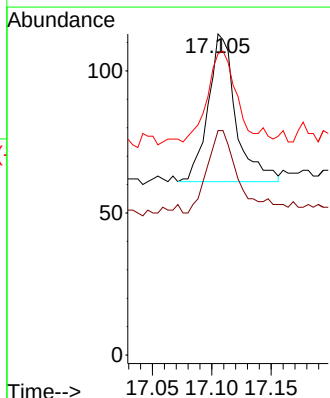
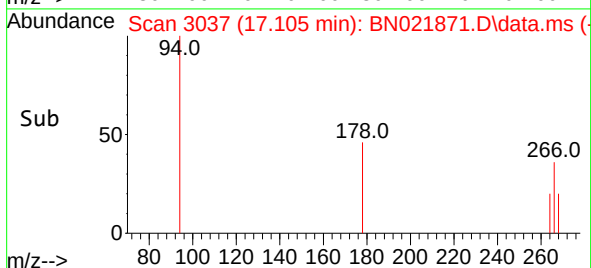
Tgt Ion:166 Resp: 137893
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 14.6 11.8 17.6

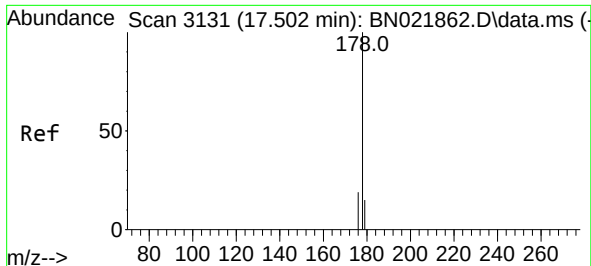


#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 17.105 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15



Tgt Ion:266 Resp: 85
Ion Ratio Lower Upper
266 100
264 65.9 49.8 74.8
268 67.1 50.6 75.8

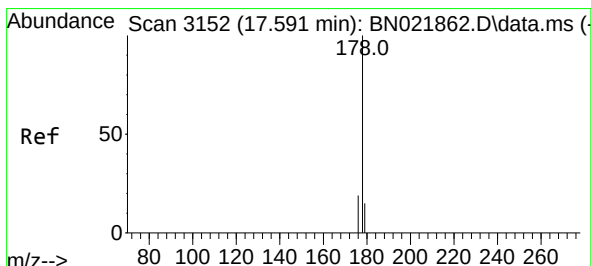
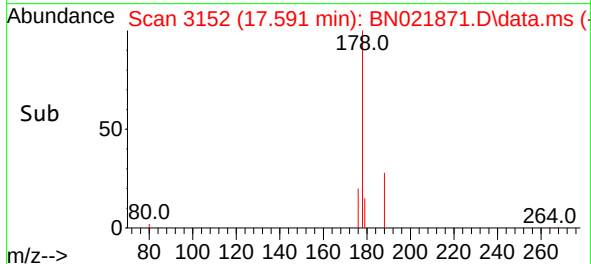
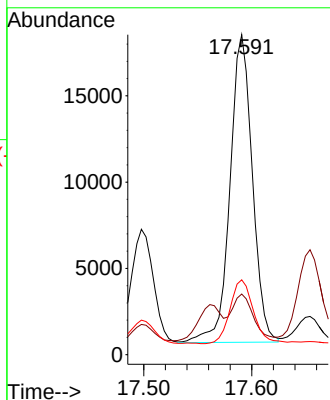
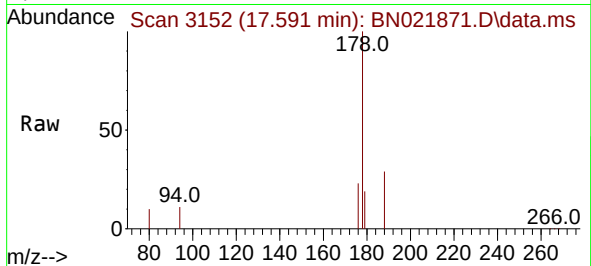




#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.591 min Scan# 3131
Delta R.T. 0.089 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

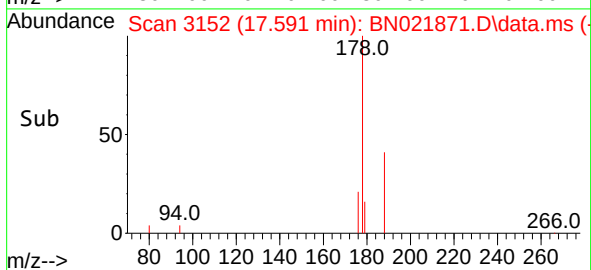
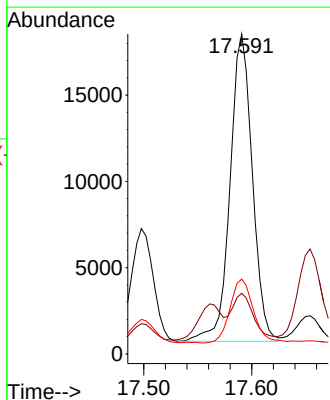
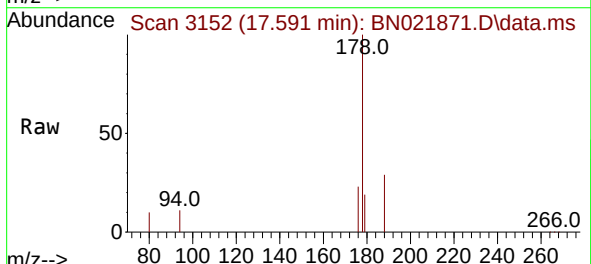
Instrument :
BNA_N
ClientSampleId :

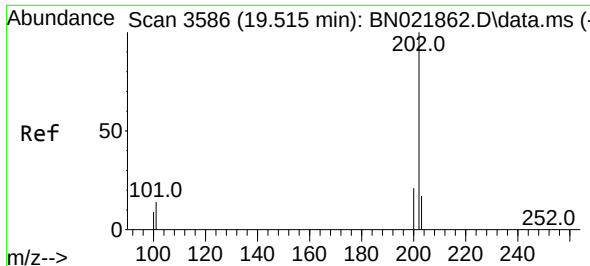
Tgt Ion:178 Resp: 25695
Ion Ratio Lower Upper
178 100
179 19.0 12.8 19.2
176 23.4 15.9 23.9



#16
Anthracene
Concen: 0.454 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:178 Resp: 25581
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 23.4 15.9 23.9

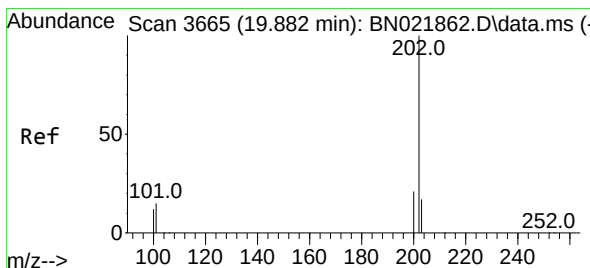
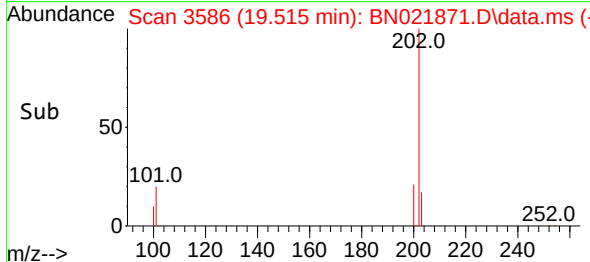
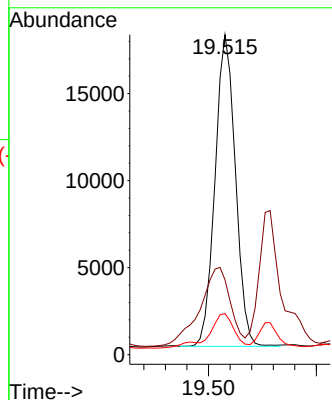
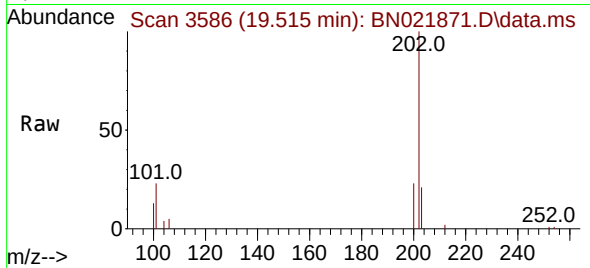




#19
Fluoranthene
Concen: 0.386 ng/u1
RT: 19.515 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

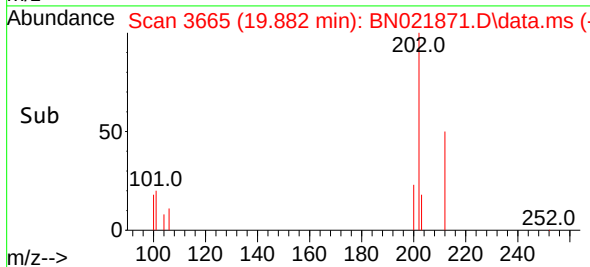
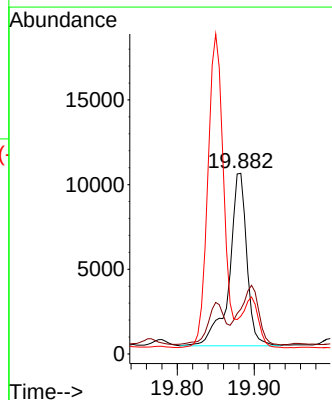
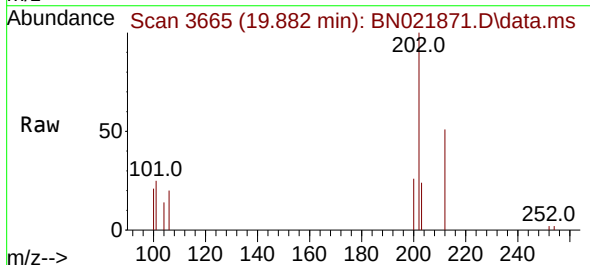
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BNA_N
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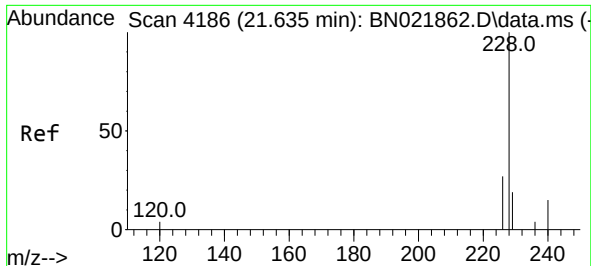
Tgt Ion:202 Resp: 23558
Ion Ratio Lower Upper
202 100
101 23.4 10.0 15.0#
100 12.8 8.0 12.0#



#20
Pyrene
Concen: 0.268 ng/u1
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

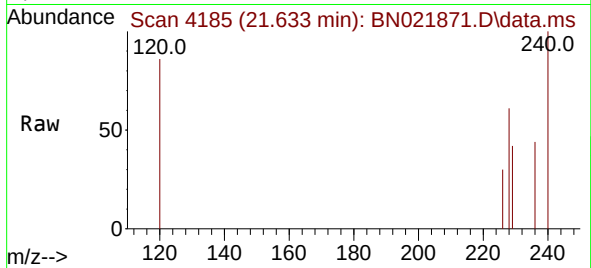
Tgt Ion:202 Resp: 16115
Ion Ratio Lower Upper
202 100
101 24.8 11.3 16.9#
100 20.9 9.0 13.4#



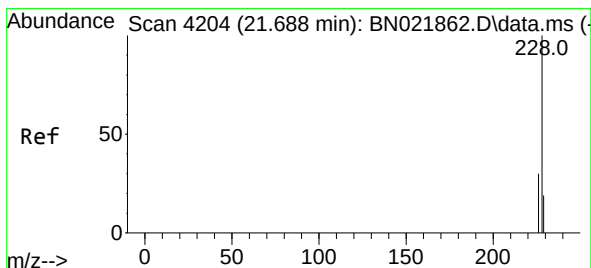
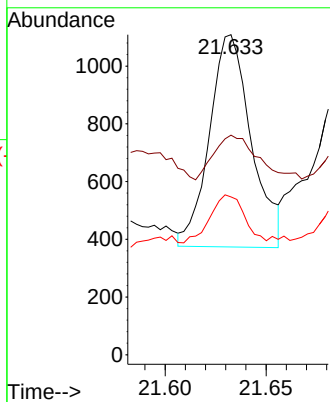
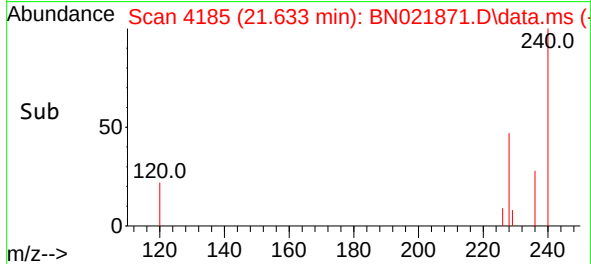


#21
Benzo(a)anthracene
Concen: 0.024 ng/u1
RT: 21.633 min Scan# 4186
Delta R.T. 0.003 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

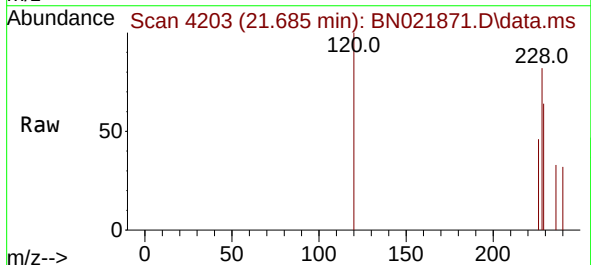
Instrument :
BNA_N
ClientSampleId :



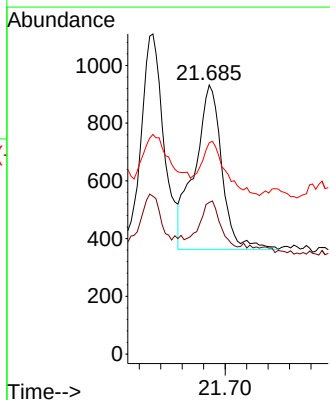
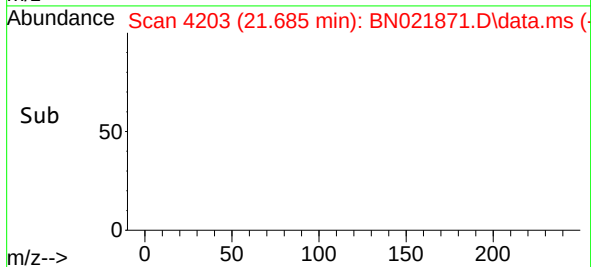
Tgt Ion:228 Resp: 1062
Ion Ratio Lower Upper
228 100
229 68.6 16.0 24.0#
226 49.3 21.9 32.9#

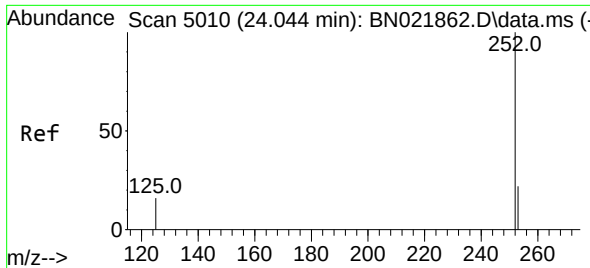


#22
Chrysene
Concen: 0.021 ng/u1
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15



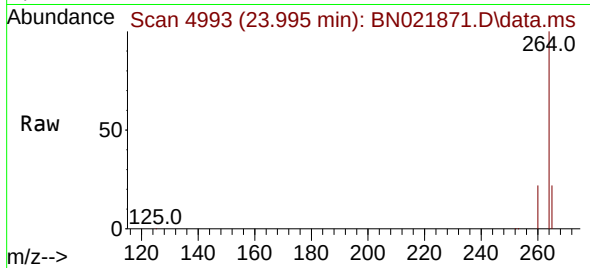
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Ion Ratio Lower Upper
228 100
226 56.3 24.6 37.0#
229 78.5 15.8 23.8#



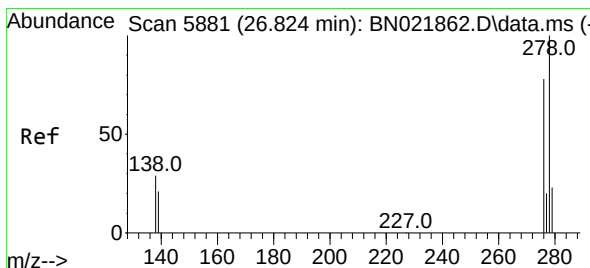
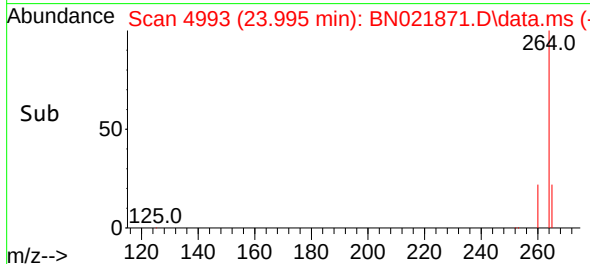
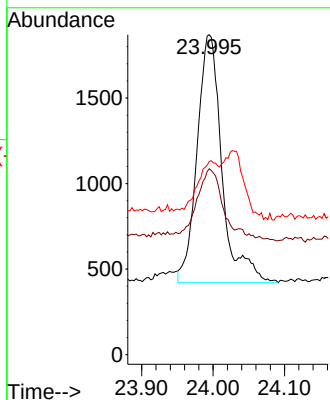


#26
Benzo(a)pyrene
Concen: 0.093 ng/ul
RT: 23.995 min Scan# 4993
Delta R.T. -0.047 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 3518
Ion Ratio Lower Upper
252 100
253 58.1 22.1 33.1#
125 60.4 14.7 22.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 26.824 min Scan# 5881
Delta R.T. 0.007 min
Lab File: BN021871.D
Acq: 22 Sep 2022 19:15

Tgt Ion:278 Resp: 731
Ion Ratio Lower Upper
278 100
139 90.6 18.3 27.5#
279 88.4 23.9 35.9#

